



# IIFH FoodShot Fellow

A unique opportunity to join our 2021 innovation partners onsite to gain first-hand experience on what it takes to have a successful startup

- **\$70K fellowship:** 1 year salary, travel, tuition, research and conference expenses (up to \$70K by [IIFH](#))
- **Timeline:** Spring/Summer 2021 to Winter/Spring 2022 (flexible start date; virtual option if required)
- **Eligibility:** UC Davis post-doctoral fellows, or PhD students in their last 1-2 years of study
- **Experiential Learning with Venture Capital Group:** During the first quarter of the fellowship, the fellow will work with the host to evaluate startups in the food system and identify investable ventures, kicking off with an anticipated onsite residency in New York if possible (up to \$10K travel, accommodation and conferences allowance provided). During the second quarter upon return to Davis, the fellow will engage in regular virtual and in-person meetings with the venture capital host.
- **Developing and De-risking Innovative Concept:** Using the knowledge gained in the first phase of the program, fellows will have an additional two quarters to conduct critical studies for de-risking a potential technology, product or process they want to develop.
- **DEADLINE April 9, 2021 – OR UNTIL FILLED:** [Click here to apply.](#)

## About FoodShot Global

[FoodShot Global](#) empowers bold ideas and innovative companies to accelerate the transformation to a healthy, sustainable and equitable food system. It is a collaborative investment platform of innovators, investors, industry leaders and advocates working to solve our biggest food system challenges. By connecting knowledge, networks and funding across private and public sectors, FoodShot Global creates scalable, impactful, and inspired solutions. FoodShot Global's integrated capital continuum includes the \$500,000+ GroundBreaker Prize for researchers, early stage entrepreneurs, and policy advocates, as well as up to \$10 million in equity or debt investment for winning for-profit businesses. Along with post-investment resources, FoodShot Global's blended capital model empowers best-in-class entrepreneurs, researchers and advocates to transform the most critical food system challenges into opportunities for collaborative investment and meaningful change.



Each year, FoodShot Global selects a FoodShot, or a MoonShot for Better Food – an identified obstacle to a healthy, sustainable, and equitable food system. We invite entrepreneurs and innovators to submit businesses that address the FoodShot for funding consideration, while experts in business, research, policy, and academia provide issue-specific insights and nominate candidates for the GroundBreaker prize. FoodShot Global vets and reviews submissions for boldness, viability and impact to determine the best-of-class candidates. Finally, FoodShot Global and its partners award equity, debt, and prize dollars to the finalists, as well as providing post-investment capacity resources to ensure greater scale and impact.

So far, FoodShot Global has launched two FoodShots: Innovating Soil 3.0, and Precision Protein.

- Innovating Soil 3.0 represents a long-term commitment to build a new soil operating system by shifting global agricultural production systems from extractive to restorative practices that establish soil as the foundation for a healthier, more sustainable, and more equitable 21st century food system. After our successful inaugural cycle, we did a “deep dive” to identify remaining critical gaps in the innovation market – specifically soil carbon measurement, soil microbiome functionality, and rapid adoption of regenerative practices – and seek out best of class innovations with the maximum potential for scale and global impact.
- Precision Protein, launched in 2020, looks at the science, production, processing, and personalization of proteins systemically and with heightened rigor in order to build a protein system that is more precisely attuned to human and planetary health, better aligns global and regional supply and demand, increases accessibility, and decreases waste and environmental damage. We sought solutions across protein sectors – including livestock, aquaculture/fisheries, agricultural proteins, and novel proteins (algae, fungi, bacteria, insects, etc.) that will help us optimize nutrition for a growing global population without pushing past planetary boundaries.

In the coming year, we will continue with a Precision Protein “deep dive”, in addition to identifying a new FoodShot that will help us transform the global food system. See past program details, finalists and winners here: <https://agfundernews.com/breaking-foodshot-announces-winners-of-soil-3-0-challenge-inc-trace-genomics-carbon-sequestration-measurement.html>

### **About the Innovation Institute for Food and Health**

The IIFH makes uncommon connections between sectors and disciplines to catalyze innovation across food, agriculture and health. It works to accelerate the deployment of products and processes to enable safe, sustainable and secure nutrition for all. Together with strategic partners, IIFH identifies systemic issues as the basis for collaborative programs using both top-down (partner-driven) and bottom-up (investigator-initiated) approaches to formulate systemic solutions. This reduces the time from conception to application for transformative impact.



## **Program Description**

### ***First Quarter (3 months): Onsite experiential learning with FoodShot Global in New York***

- Start date flexible: following selection, anticipate joining FoodShot Global for the first quarter in New York in Spring/Summer 2021 (including up to \$10K travel, accommodation and conference allowance).
- Explore FoodShot Global's strategic ecosystem and extensive network of assets in evaluating and vetting competitive investment opportunities.
- Learn what kind of companies and technologies are considered investable and engage with expert consortium members to understand opportunities in food/agriculture innovation.
- Gain invaluable knowledge about what investors look for in entrepreneurs.

### ***Second Quarter (3 months): Transition back to UC Davis, splitting time between research and virtual engagement with FoodShot Global***

- At UC Davis: upon second quarter return to Davis, continue to support FoodShot Global efforts in evaluating startups and selecting investable ventures that address selected challenges in the food system.
- The fellow will work closely with FoodShot Global staff through virtual means, but support is provided for regular in-person meetings as needed.

### ***Third and Fourth Quarters (6 months): De-risking technology/product/process concept***

- Resume doctoral research: for remaining two quarters, practice applying FoodShot Global learnings to conclude research activities (with support for research supplies), exploring the greatest impact and best route to market.
- Enrich learning: through on-campus Entrepreneurship Academy and business plan development, identify potential investors and research the target landscape.
- Support from: monthly face-to-face meetings with the IIFH (virtual or in-person as needed).
- In conclusion: provide a brief report on the results and impact of the fellowship, and present at the annual Innovator Summit.

## **Application Requirements**

- 1) Completed application form on IIFH website
- 2) Resume or CV (PDF)
- 3) Letter of interest detailing current PhD research, why the program is of interest to you, and how your career goals align therewith (max. 2 pages, PDF format)
- 4) Letter of support from faculty PI of research project (max. 1 page, PDF format)

Please combine items 2 – 4 above (in the order they are listed) into one single PDF for submission.